Modern Algebra
MATH 325W – Spring 2015

Monday:	Chapter 3: $\mathbb{C}$ (FTA)
Wednesday:	Chapter 4: Modular Arithmetic
Friday:	Chapter 4: $\mathbb{Z}_n$ and $\mathbb{H}$

Homework

Homework #4   **due Tuesday, February 3**

Ch. 3: #10, 16, 17, 24, 28, 30, 33
> Please use complete sentences for all of your solutions. If you are asked to find the modulus of ζ_3, please write "the modulus of ζ_3 is 1," or even "$|\zeta_3| = 1$." But don't simply write 1.

Homework #5   **due Friday, February 6**

Ch. 3: #34, 36, 38, 46

Ch. 4: #4, 5, 8, 10

Writing Assignments

On writing assignments, part of your grade will reflect the quality of your ***style***. Style includes everything from the basic mechanics of writing (complete, grammatically correct sentences with capitalization and proper punctuation) to the conventions of writing mathematics developed in Linear Algebra.

Writing Assignment #2   **due Wednesday, February 4**

Ch. 1: #36
Ch. 3: #51, 53